



# EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077  
(856) 858-4800

INVOICE NO
04241831
INVOICE DATE
9/14/2010

**BILL TO** Air Management Services  
Attn: Rich Annunziato  
Dept. of Public Health  
321 University Avenue - 3rd Floor  
Philadelphia, PA 19104

**REPORT TO** Air Management Services  
Attn: Rich Annunziato  
Dept. of Public Health  
321 University Avenue - 3rd Floor  
Philadelphia, PA 19104

SLSM.	SHIP VIA		TERMS		PIC	BILLING FREQUENCY		CUST. NO.
sross	Courier		Net 30 Days			With Report		AIRM55
DATE	ORDER NO.	QTY	TEST CODE	TEST DESCRIPTION		UNIT	UNIT PRICE	AMOUNT
9/13/2010	041021098	1	PLM	Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy 24 Hour Project: 2275 BRIDGE ST. BLDG 124/ES- 09-13-102-A		EA	8.40	8.40
							SUB TOTAL	8.40
							INVOICE TOTAL	\$8.40

Please review your invoice promptly. We will gladly correct any errors within 60 days of the invoice date. After that, we deem the invoice to be correct and reserve the right not to issue credits, in whole or part. A 1.5% finance charge will be added to invoices over 30 days.

Billing Inquiries - please call 1-800-220-3675

AIR MANAGEMENT SERVICES  
2010 SEP 22 PM 12:38  
ASBESTOS CONTROL UNIT

Please detach and return with payment

9/14/2010

CUST # AIRM55

INV # 04241831

\$8.40

DEPT: 04

ase  
Remit to: EMSL ANALYTICAL, INC.  
200 Route 130 North  
Cinnaminson, NJ 08077

Billing Inquiries - please call 1-800-220-3675

Payment in US Funds Only.

041021098

Print Form



EMSL Analytical, Inc.  
Chain of Custody

**Asbestos**

EMSL Representative: **Scott Ross**

Air Management Services  
City of Philadelphia  
321 University Ave.  
2nd Floor

EMSL Bill to:  
Dept. of Public Health  
Air Management Services  
321 University Ave.  
Philadelphia, PA 19104

Phone Results to: Richard Annunziato  
Telephone No: (215) 685-9458

Fax Results to: Richard Annunziato  
Fax No: (215) 685-9496

Project Name/Number: 2275 Bridge St. Bldg 124

Purchase Order # ES-09-13-102-A

Matrix		
<input type="checkbox"/> Air	<input type="checkbox"/> Soil	<input type="checkbox"/> Micro Vac.
<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> Drinking Water	

Turnaround			
<input type="checkbox"/> 3 hour	<input type="checkbox"/> 6 hour	<input type="checkbox"/> 12 hours	<input checked="" type="checkbox"/> 24 hour
<input type="checkbox"/> 48 hour	<input type="checkbox"/> 72 hour	<input type="checkbox"/> 96 hour	<input type="checkbox"/> 120 hour

<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400(A) Issue 2: August 1994 <input type="checkbox"/> OSHA w/TWA <input type="checkbox"/> Other:	<b>TEM - Air</b> <input type="checkbox"/> AHERA 40 CFR, Part 763 Subpart E <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level III	<b>TEM - Water</b> <input type="checkbox"/> EPA 100.1 <input type="checkbox"/> EPA 100.2 <input type="checkbox"/> NYS 198.2
<b>PLM - Bulk</b> <input checked="" type="checkbox"/> EPA 600/R-93/116	<b>TEM - Bulk</b> <input type="checkbox"/> Drop Mount/ Qualitative	<b>TEM - Microvac/Wipe</b> <input type="checkbox"/> ASTM D 5755-95 (Quantitative Method)

Sample Numbers: ES-09-13-102-A - white dust debris Number of Samples: 1

Relinquished by: [Signature] Date: 9/13/2010 Time: 1:18p

Relinquished by: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

10 SEP 13 PM 3:09



EMSL Analytical, Inc.

100 Route 130 North, Cinnaminson, NJ 08040

Phone: (215) 685-9458 Fax: (215) 685-9459 E-Mail: info@emsl-analytical.com

Attn: **Rich Annunziato**  
**Air Management Services**  
**Dept. of Public Health**  
**321 University Avenue - 3rd Floor**  
**Philadelphia, PA 19104**

Customer ID: AIRM55  
Customer PO:  
Received: 09/13/10 3:10 PM  
EMSL Order: 041021098

Fax: (215) 685-9496 Phone: (215) 685-9458  
Project: **2275 BRIDGE ST. BLDG 124/ES-09-13-102-A**

EMSL Proj:  
Analysis Date: 9/14/2010


### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
ES-09-13-102-A 041021098-0001	WHITE DUST DEBRIS	Gray/Tan Non-Fibrous Heterogeneous	2% Cellulose <1% Fibrous (other)	98% Non-fibrous (other)	None Detected

Initial report from 09/14/2010 10:39:25

Analyst(s)

Wayne Froehlich (1)

  
Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to the cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAP unless otherwise specified. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

BLDG 121 (C3)



# EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077  
(856) 858-4800

INVOICE NO.	PAGE
04242368	1 of 1
INVOICE DATE	
9/21/2010	

**BILL TO**  
**Air Management Services**  
**Attn: Rich Annunziato**  
**Dept. of Public Health**  
**321 University Avenue - 3rd Floor**  
**Philadelphia, PA 19104**

**REPORT TO**  
**Air Management Services**  
**Attn: Rich Annunziato**  
**Dept. of Public Health**  
**321 University Avenue - 3rd Floor**  
**Philadelphia, PA 19104**

SLSM.	SHIP VIA		TERMS	PIC	BILLING FREQUENCY		CUST. NO.
gross	Fed Ex		Net 30 Days		With Report		AIRM55
DATE	ORDER NO.	QTY	TEST CODE	TEST DESCRIPTION	UNIT	UNIT PRICE	AMOUNT
9/20/2010	041021648  P.O: ES-09-20-10-A-E	5	PLM	Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy 24 Hour Project: ARSENAL BUSINESS CENTER BLDG 121	EA	8.40	42.00
						SUB TOTAL	42.00
						INVOICE TOTAL	\$42.00

Please review your invoice promptly. We will gladly correct any errors within 60 days of the invoice date. After that, we deem the invoice to be correct and reserve the right not to issue credits, in whole or part. A 1.5% finance charge will be added to invoices over 30 days.

Billing Inquiries - please call 1-800-220-3675

Please detach and return with payment

9/21/2010	CUST # AIRM55	INV # 04242368	\$42.00
Submit to: EMSL ANALYTICAL, INC. 200 Route 130 North Cinnaminson, NJ 08077		DEPT: 04	

Billing Inquiries - please call 1-800-220-3675

Payment in US Funds Only.

041021648

Print Form

EMSL Analytical, Inc.  
Chain of Custody

## Asbestos

EMSL Representative: **Scott Ross**Air Management Services  
City of Philadelphia  
321 University Ave.  
2nd FloorEMSL Bill to:  
Dept. of Public Health  
Air Management Services  
321 University Ave.  
Philadelphia, PA 19104Phone Results to: Richard Annunziato  
Telephone No: (215) 685-9458Fax Results to: Richard Annunziato  
Fax No: (215) 685-9496Project Name/Number: **Arsenal Business Center Bldg 121**

Purchase Order #

ES-09-20-10-A thru E

Matrix		
<input type="checkbox"/> Air	<input type="checkbox"/> Soil	<input type="checkbox"/> Micro Vac.
<input checked="" type="checkbox"/> Bulk	<input type="checkbox"/> Drinking Water	

Turnaround			
<input type="checkbox"/> 3 hour	<input type="checkbox"/> 6 hour	<input type="checkbox"/> 12 hours	<input checked="" type="checkbox"/> 24 hour
<input type="checkbox"/> 48 hour	<input type="checkbox"/> 72 hour	<input type="checkbox"/> 96 hour	<input type="checkbox"/> 120 hour

<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400(A) Issue 2: August 1994 <input type="checkbox"/> OSHA w/TWA <input type="checkbox"/> Other:	<b>TEM - Air</b> <input type="checkbox"/> AHERA 40 CFR, Part 763 Subpart E <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level III	<b>TEM - Water</b> <input type="checkbox"/> EPA 100.1 <input type="checkbox"/> EPA 100.2 <input type="checkbox"/> NYS 198.2
<b>PLM - Bulk</b> <input checked="" type="checkbox"/> EPA 600/R-93/116	<b>TEM - Bulk</b> <input type="checkbox"/> Drop Mount/ Qualitative	<b>TEM - Microvac/Wipe</b> <input type="checkbox"/> ASTM D 5755-95 (Quantitative Method)

Sample Numbers: **ES-09-20-10**

- A thru E

Number of Samples: **5**

Relinquished by:

Date: **9/20/2010**Time: **11:03a**

Relinquished by:

Date:

Time:

10 SEP 20 PM 12:28

041021648



Chain Of Custody  
Asbestos Lab Services

EMSL ANALYTICAL, Inc.  
107 Haddon Ave  
Westmont, NJ 08108

Phone: (856) 858-4800  
Fax: (856) 858-4960  
(856) 427-1608  
<http://www.emsl.com>

Please print all information legibly.

Client Sample #(s) ES-09-20-10-A thru E

Total Sample #: 5

Relinquished: Edward P. Hutto

Date: 9/20/2010

Time: 11:03a

Received: DP F2 12

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Relinquished: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Received: \_\_\_\_\_

Date: \_\_\_\_\_

Time: \_\_\_\_\_

SAMPLE NUMBER	SAMPLE DESCRIPTION	COLOR	LOCATION
ES-09-20-10-A	pipe insulation	cream	1st floor, in open bag
" - B	"	gray, cream	basement floor under pipe
" - C	"	white	basement, on pipe
" - D	"	cream	basement floor under pipe
" - E	tank insulation	gray	basement, on tank

10 SEP 20 PM 12:28



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 586-4800 Fax: (856) 766-0974 Email: westmontaslab@EMSL.com

Attn: **Rich Annunziato**  
**Air Management Services**  
**Dept. of Public Health**  
**321 University Avenue - 3rd Floor**  
**Philadelphia, PA 19104**

Fax: (215) 685-9496 Phone: (215) 685-9458  
Project: **ARSENAL BUSINESS CENTER BLDG 121**

Customer ID: AIRM55  
Customer PO: ES-09-20-10-A-E  
Received: 09/20/10 12:00 PM  
EMSL Order: 041021648

EMSL Proj:  
Analysis Date: 9/21/2010


### Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
ES-09-20-10-A 041021648-0001	1ST FLOOR IN OPEN BAG - PIPE INSULATION	Gray/White Fibrous Heterogeneous		20% Non-fibrous (other)	20% Amosite 60% Chrysotile
ES-09-20-10-B 041021648-0002	BASEMENT FLOOR UNDER PIPE - PIPE INSULATION	Gray/White Fibrous Heterogeneous	5% Cellulose	30% Non-fibrous (other)	65% Chrysotile
ES-09-20-10-C 041021648-0003	BASEMENT ON PIPE - PIPE INSULATION	White Fibrous Heterogeneous		35% Non-fibrous (other)	65% Chrysotile
ES-09-20-10-D 041021648-0004	BASEMENT FLOOR UNDER PIPE - PIPE INSULATION	White Fibrous Heterogeneous		45% Non-fibrous (other)	35% Chrysotile 20% Amosite
ES-09-20-10-E 041021648-0005	BASEMENT ON TANK - TANK INSULATION	Gray Fibrous Heterogeneous		45% Non-fibrous (other)	55% Chrysotile

Initial report from 09/21/2010 08:20:04

Analyst(s)

Daniel Sivco (2)  
Naadira Carter (3)

  
Stephen Siegel, CIH, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to the cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval or endorsement by NVLAP, NIST or any agency of the federal government. The test results contained within this report meet the requirements of NELAC unless otherwise specified. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. 200 Route 130 North, Cinnaminson NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 108/2, NJ DEP 03036